

## MANLEY GAS TESTING, INC.

P.O. DRAWER 193  
OFFICE(432)367-3024

FAX(432)367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 150 - 0  
REC. NO. .... 1  
TEST NUMBER.. 51298DATE SAMPLED..... 04-27-21  
DATE RUN..... 04-30-21  
EFFECT. DATE..... 04-01-21

STATION NO. ... 633048

PRODUCER ..... DURANGO MIDSTREAM

SAMPLE NAME.... FADEAWAY RIDGE COMP. FLARE

TYPE: SPOT

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE ..... 570.1 PSIA

FLOWING TEMPERATURE ..... 100 F

SAMPLED BY: FT

CYLINDER NO. ...

FRACTIONAL ANALYSIS  
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.000	
NITROGEN.....	1.462	
CARBON DIOXIDE.....	0.319	
METHANE.....	77.487	
ETHANE.....	11.644	3.107
PROPANE.....	5.365	1.475
ISO-BUTANE.....	0.734	0.240
NOR-BUTANE.....	1.698	0.534
ISO-PENTANE.....	0.399	0.146
NOR-PENTANE.....	0.398	0.144
HEXANES +.....	0.494	0.215
TOTALS .....	100.000	5.861

'Z' FACTOR (DRY) = 0.9963  
'Z' FACTOR (WET) = 0.9960

CALC. MOL. WT. = 21.29

## ..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY ..... 0.7377

REAL, WET ..... 0.7360

## ..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY ..... 1261

BTU/CF - REAL, WET ..... 1239

## DISTRIBUTION AND REMARKS:

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ANALYZED BY: JT  
\*\* R \*\*

APPROVED:



**Facility:** Fadeaway Ridge CS

**Date:** 6/23/2021

FL-1_Flare		
Time	Event Type	Flare Volume (Mcf)
0:00	-	0.0
1:00	-	0.0
2:00	-	0.0
3:00	-	0.0
4:00	-	0.0
5:00	-	0.0
6:00	-	0.0
7:00	-	0.0
8:00	-	0.0
9:00	-	0.0
10:00	-	0.0
11:00	-	0.0
12:00	-	0.0
13:00	-	0.0
14:00	-	0.0
15:00	Malfunction	9.9
16:00	Malfunction	14.4
17:00	-	0.0
18:00	Malfunction	11.7
19:00	Malfunction	26.0
20:00	Malfunction	6.1
21:00	-	0.0
22:00	-	0.0
23:00	-	0.0

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 33555

**QUESTIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115 Action Number: 33555 Action Type: [C-129] Venting and/or Flaring (C-129)
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**QUESTIONS**

<b>Determination of Reporting Requirements</b>	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
Was or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	Yes, minor venting or flaring of natural gas.
<b>The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC.</b>	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No

<b>Unregistered Facility Site</b>	
<i>Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.</i>	
Facility or Site Name	Not answered.
Facility Type	Not answered.

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

<b>Date(s) and Time(s)</b>	
Date venting or flaring was discovered or commenced	06/23/2021
Time venting or flaring was discovered or commenced	03:00 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/23/2021
Time venting or flaring was terminated	09:00 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	5
Longest duration of cumulative hours within any 24-hour period during this event	5

<b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>	
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure   Gas Compressor Station   Natural Gas Vented   Spilled: 68 Mcf   Recovered: 0 Mcf   Lost: 68 Mcf ]
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

<b>Venting or Flaring Resulting from Downstream Activity</b>	
Was or is this venting or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

<b>Steps and Actions to Prevent Waste</b>
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For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Event occurred due to transmitter issue- Ops was not able to predict this.
Steps taken to limit the duration and magnitude of venting or flaring	I&E addressed transmitter issue promptly and restored normal operations asap.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	I&E repaired transmitter issue

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CONDITIONS  
  
Action 33555

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Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 33555
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	6/24/2021